

PHASE 2 WATER REPLACEMENT PROGRAM

SALINAS BASIN AGRICULTURAL STEWARDSHIP GROUP

PRESENTED BY:

SBASG CONSULTANTS, COALITION FOR URBAN RURAL ENVIRONMENTAL
STEWARDSHIP (CURES) AND SBASG

Phase 2: GIS Mapping of Individual Residences/Domestic Wells
in Salinas Groundwater Basin

January 31, 2019

AGENDA

1. Program Goals Review
2. Overview of Mapping System
3. Disadvantaged Layers
4. Outreach Activities
5. Performance Metrics
6. Next Steps

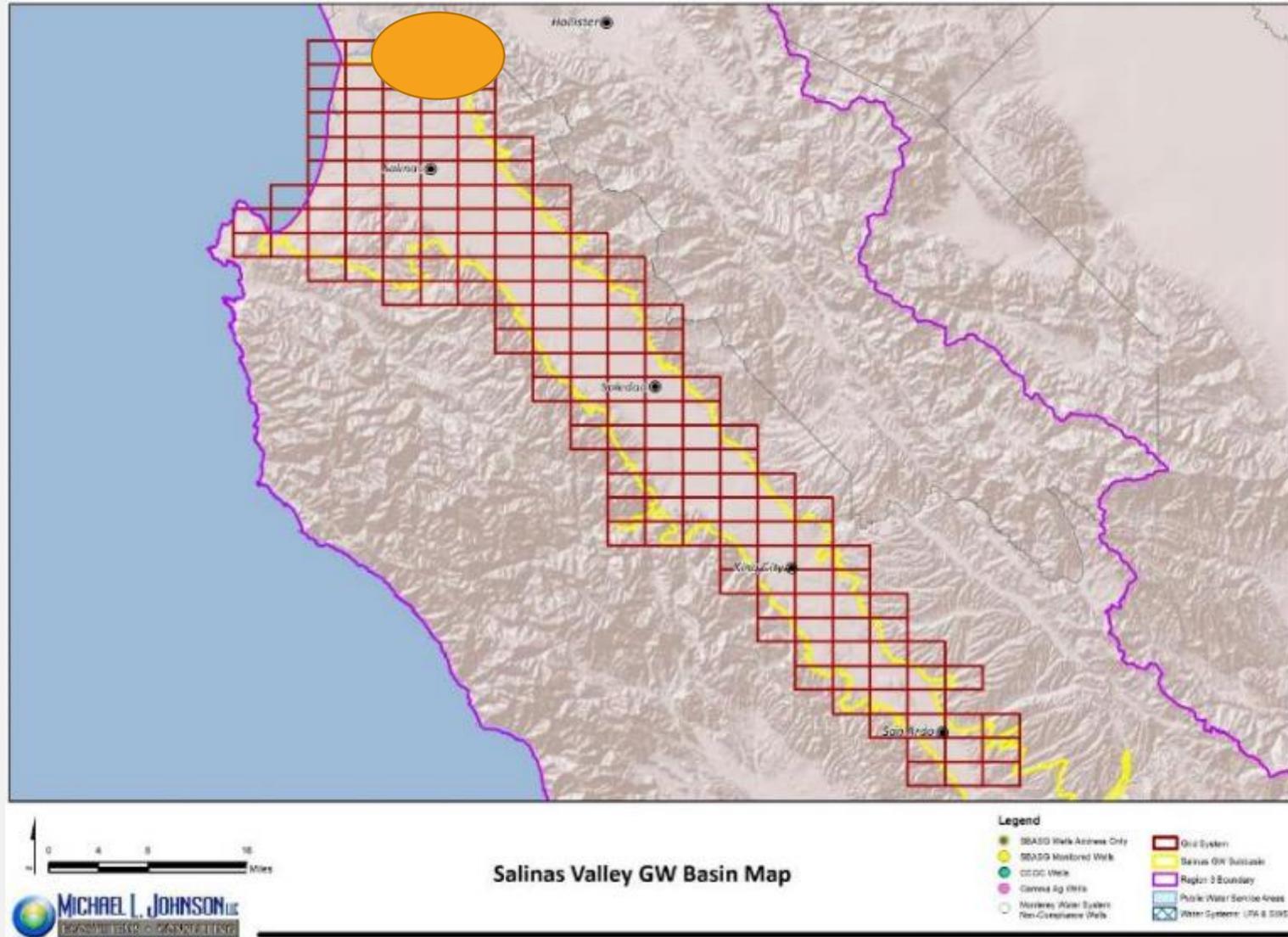
PROGRAM GOALS – YEAR 2

1. Provide replacement drinking water to all nitrate impacted drinking water systems and domestic wells within the Salinas Basin.
2. Create a mapping program technology that enables SBASG to identify the total number of potential impacted wells and water systems inside the subject area boundaries;
3. Use the mapping technology and results to estimate the total number of potential program participants;
4. Establish a plan to ensure the resources are available to provide replacement water to program participants with funding from members, State legislation and State grants;
5. Initiate a delivery program to deliver water to qualified program recipients.
6. Develop an outreach program with local and state agencies as well as non-profit groups that enables the bottle water delivery program to reach a maximum number of qualified recipients.

MAPPING – DETERMINE IMPACTED WELLS AND SYSTEMS PROGRAM PARTICIPANTS

1. Outline program boundary as defined by the Settlement Agreement
 - a. Source: California Department of Water Resources, Regional Water Quality Control Board

2. Overlay boundary with grids for mapping and recording data
 - a. Grid cells are 2 x 3 miles
 - b. 167 grids total



CONT. MAPPING- DETERMINE IMPACTED WELLS AND SYSTEMS PROGRAM PARTICIPANTS

I. Overlay map with well data and water system layers to eliminate residences that do not qualify

 LPA/local primary agency water systems and SWS/small water systems

i. Source: Monterey County Health Department

 Public Water Systems

i. Source: California Environmental Health Tracking Program

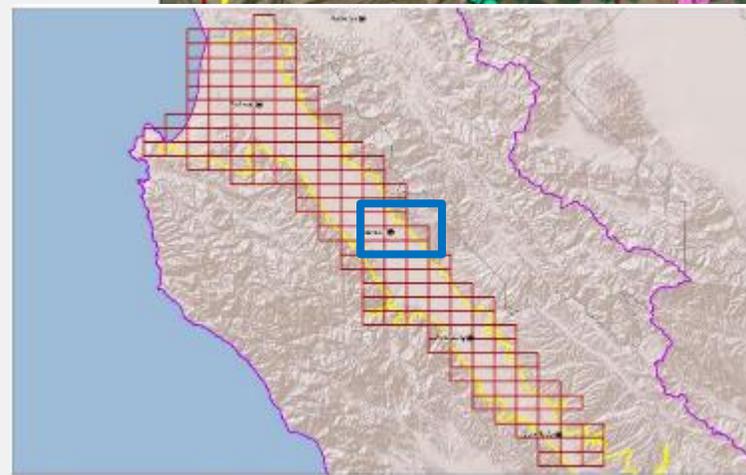
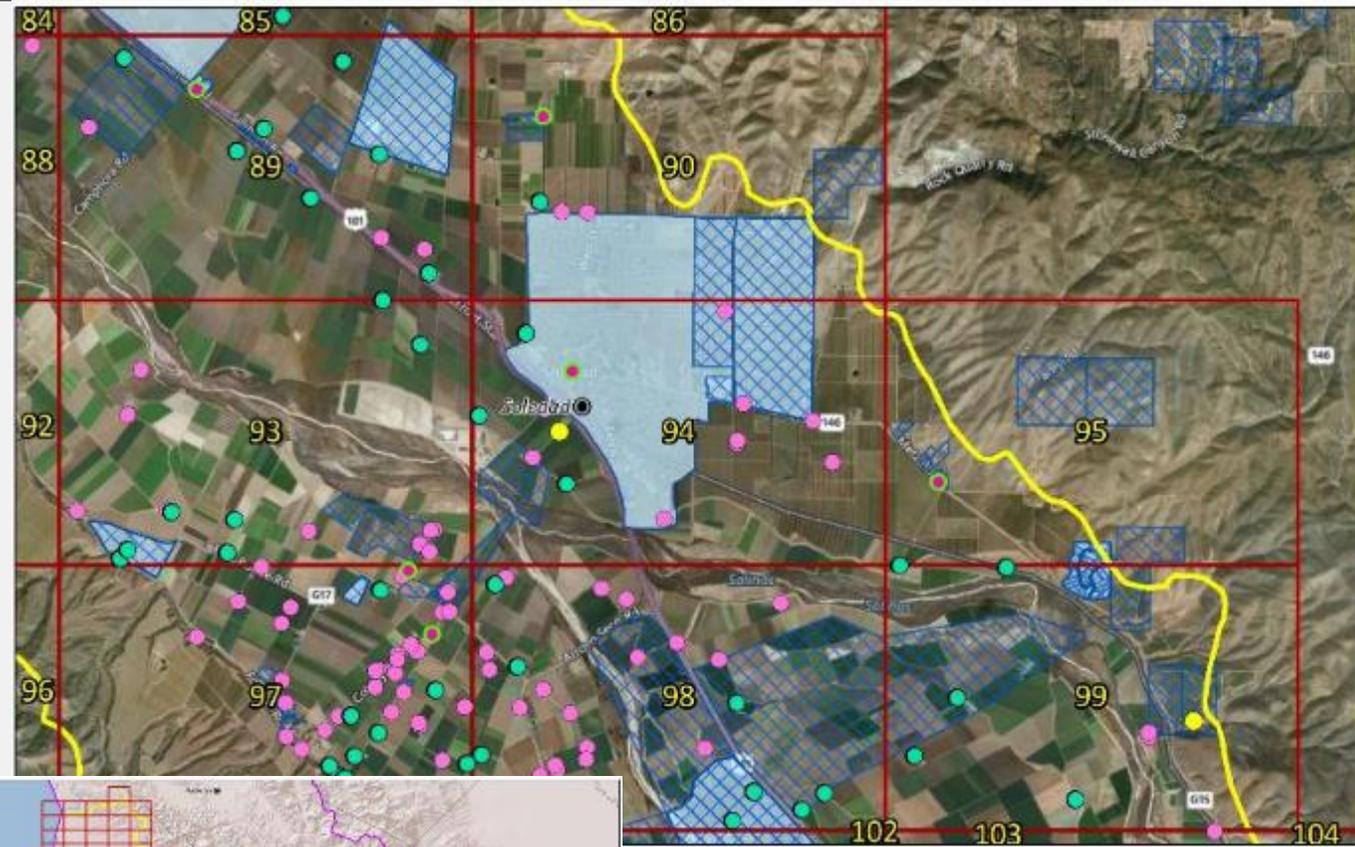
 Parcels in the Irrigated Lands Regulatory Program

i. Source: GeoTracker/GAMA

 Wells sampled by Central Coast Groundwater Coalition (CCGC) from 2013-2018

 Wells/Systems supplied water in Phase I

i. Source: CURES



CONT. DETERMINE IMPACTED WELLS AND SYSTEMS PROGRAM PARTICIPANTS

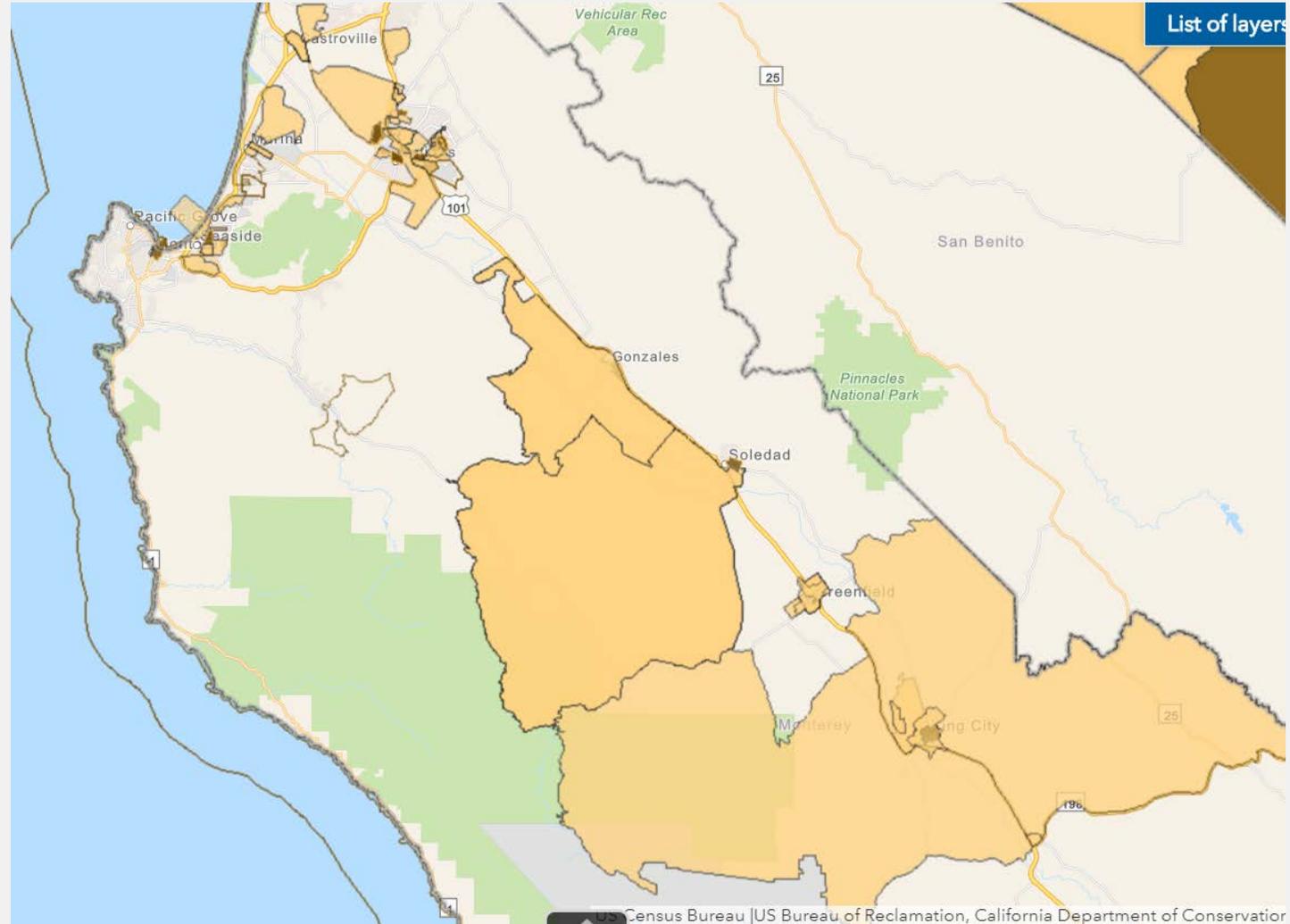
1. Add parcel layer to help identify residences
 - a. Source: County of Monterey Assessor's Office
2. Pin residences located within parcels (each parcel has a unique APN)
 - a. Remove ILRP wells, public water systems and water service areas
3. Associate APNs with names and addresses for mailing
 - a. Source: county parcel ownership list and associated address list obtained from the County of Monterey Assessor's Office, March 2018



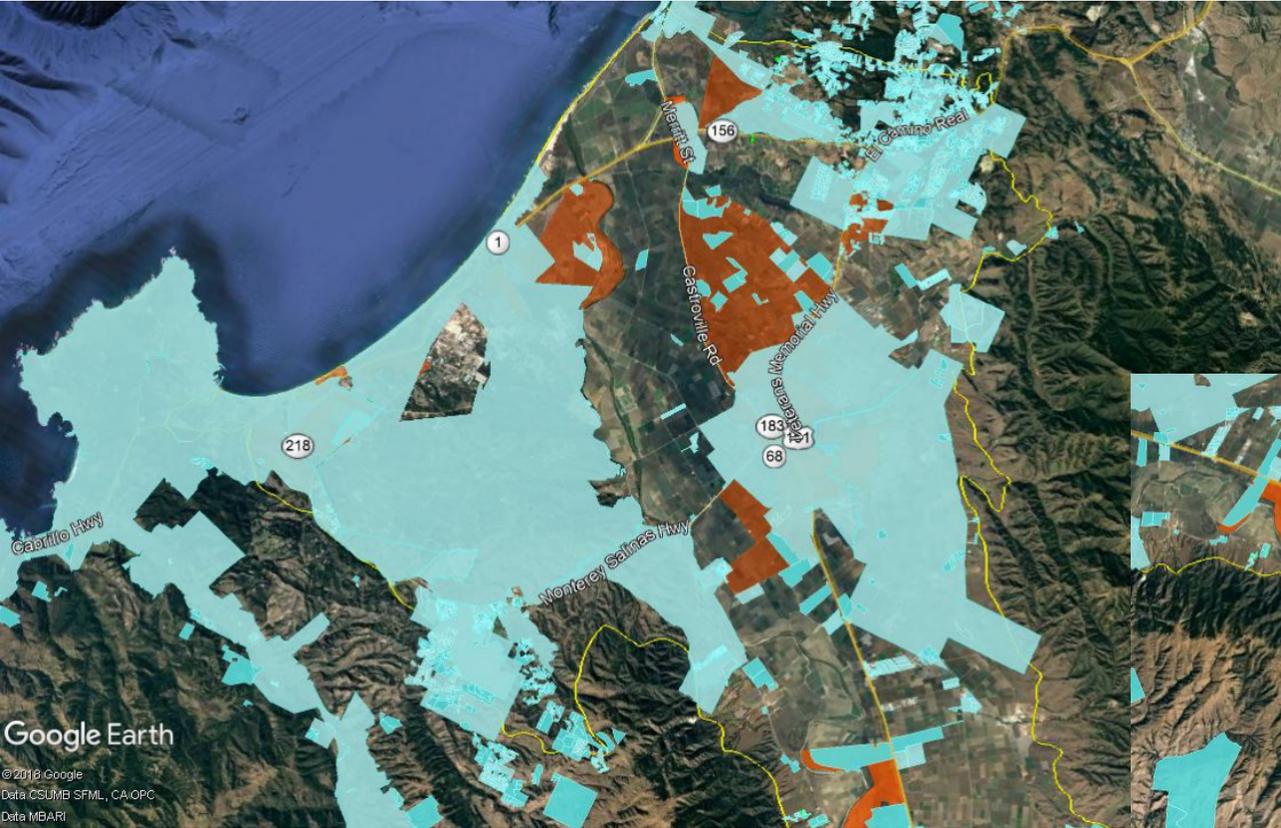
MAPPING – DISADVANTAGED COMMUNITY LAYERS

I. IRWWM Disadvantaged Communities

- a. From DWR IRWWM web based DAC mapping tool
- b. Uses statewide Census GIS layers:
 - i. Place
 - ii. Tract
 - iii. Block Group
- c. Used to determine DAC by adding ACS (American Community Survey) Median Household Income (MHI) data at each Census level



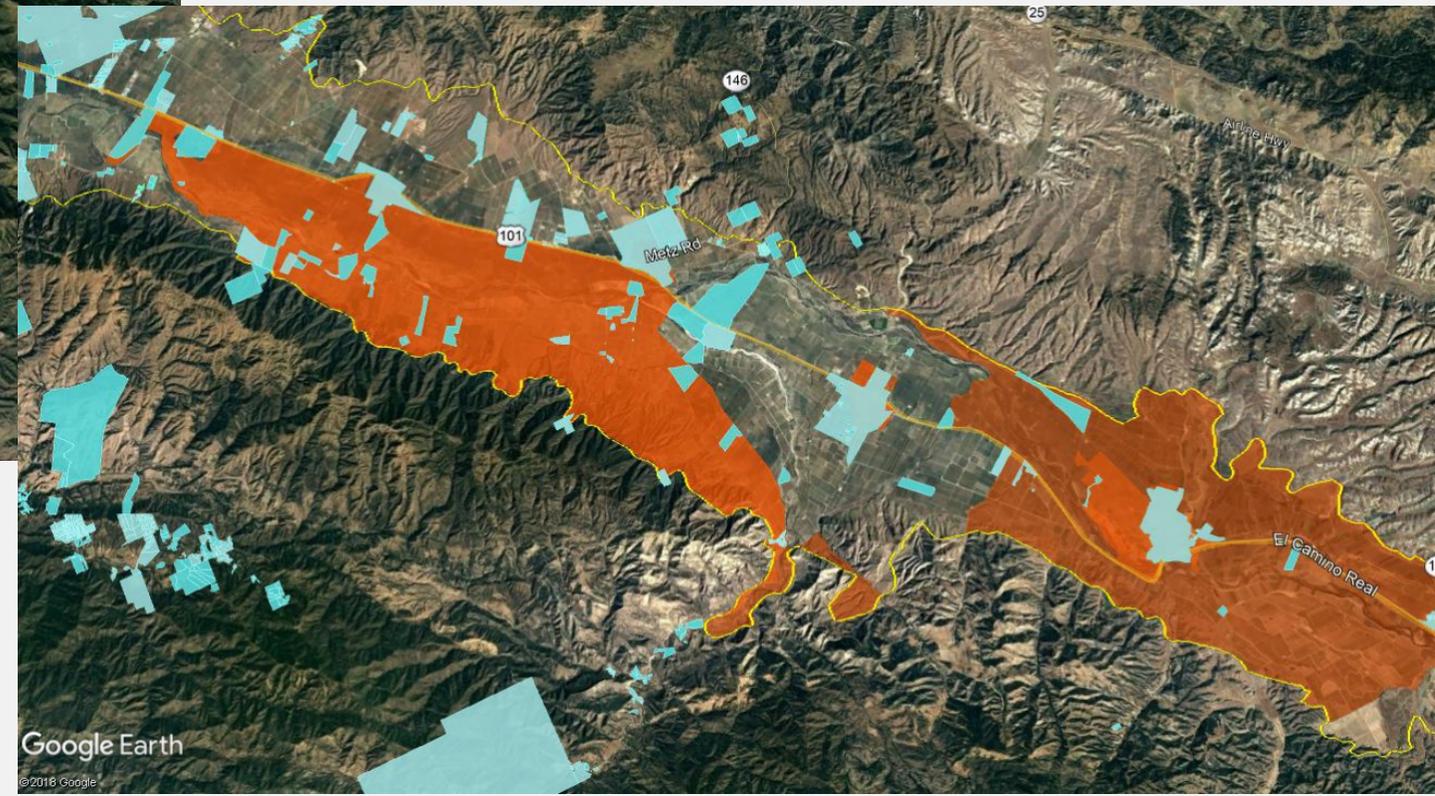
MAPPING – DISADVANTAGED COMMUNITY LAYERS



Castroville- Salinas

 DAC

 SWWS/ LPA/ Public Water Systems



Chualar- King City

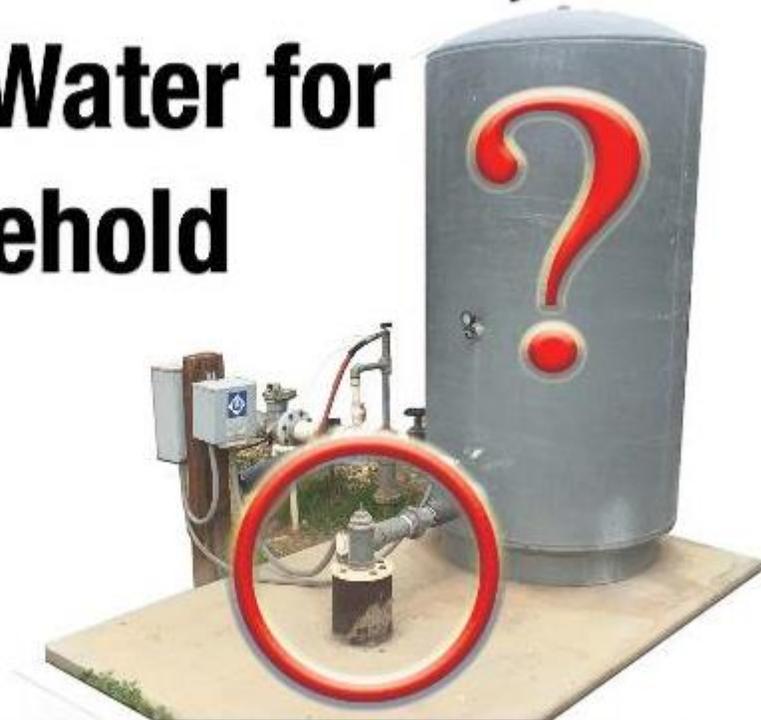
OUTREACH ACTIVITIES OVERVIEW

Develop an outreach program with local and state agencies as well as non-profit groups that enables the bottle water delivery program to reach a maximum number of qualified recipients.

1. Prioritize Activities Based on DAC Information
2. Outreach Components Include:
 - a) Mailing Application/follow up postcard - Online Application
 - b) Video Posting (Describing Program)
 - c) Canvassing
 - d) Public Events
 - e) Prepare Reports to Water Boards and Meeting with Water Boards Team – Meet to Receive Feedback – Suggestions
 - f) Local signs
 - g) Coordinate with Community Water Center – Feedback on Application Process and Outreach Activities.
 - h) Coordinate with Monterey County
 - i) Utilize For – Profit Business to get Information Out (Culligan)

OUTREACH ACTIVITIES- MAILINGS

Free Well Testing
If Nitrates Found,
Free Water for
Household



APPLICATION ENCLOSED OR APPLY ONLINE

1015 Potential Applicants

Mail application packet to qualified residences

1015 packets mailed as of Oct 1

Mail follow-up postcard to 493 remaining qualified residences on January 29, 2019

1st application mailing 1015

Langley area removed - 373

Provided water, declined, - 149

ILRP, SBASG Member,
non-deliverable

Postcard mailing total 493

OUTREACH ACTIVITIES - POSTCARD

CURES logo
1480 Drew Ave, Suite 130
Davis, CA 95618

STAMP

Name
Address
City, CA, Zip

FREE BOTTLED WATER OFFER OR FILL OUT THE ENCLOSED SURVEY TO BE REMOVED FROM OUR MAILING LIST

Free **Bottled Water**
If Well Tests High For Nitrates

- 1 FREE Well Sample**
- 2 Well Tests Positive for Nitrates**
- 3 Free Bottled Water Delivered by Culligan**

It costs you nothing to participate! Funded by the Salinas Basin Agriculture Stewardship Group, the goal is to ensure that people using water from domestic supply wells with high nitrates have access to safe drinking water.

Apply online at www.curesworks.org/water/ or call 831-214-9125

Español www.curesworks.org/waterSpanish

Name
Address
City, CA, Zip

STAMP

CURES logo
1480 Drew Ave, Suite 130
Davis, CA 95618

Fold on dotted line and tape or staple top to seal

TO BE REMOVED FROM OUR MAILING LIST PLEASE FILL OUT AND RETURN THIS POSTCARD

I am not interested in this program because (please check all that apply):

- I have had my well tested recently and it is not high in nitrates
- I am already receiving bottled water (note: we can take over your current water payments)
- I have a Reverse Osmosis (RO) system
- I do not care if my well is high in nitrates
- Other: _____

You may also go online to www.curesworks.org/water/ to fill out this form and be removed from our mailing list.

OUTREACH ACTIVITIES SPECIFICS

1. Canvass residences after mailings (prioritize DACs)
2. Neighborhood Yard Signs
 - a. 30 signs posted to date, 2 calls received
3. Day of the Farm Worker Event
 - a. 8/26 event targeting Spanish-speaking residents
4. Collaborate with CWC on outreach efforts
 - a. 12/19 meeting with CWC
5. Follow up with candidates identified through Monterey County Health Department & State Water Board/Regional Water Board outreach
6. Contact SBASG members to help identify ILRP wells
7. Letter to existing Culligan customers in Salinas Basin
8. Letter to current recipients asking for referrals



OUTREACH SPECIFICS - CANVASSING



- I. Follow up visits to potential candidate residences
 - a. 314 residences visited by CURES staff in Aug 2018 – Jan 2019
 - i. 78 residences: no one home
 - ii. 68 gated driveways; no access
 - iii. 16 could not locate residence at address
 - iv. 54 not qualified (on public water system)
 - v. 93 answered door
 - a. 62 took application (30 showed strong interest)
 - b. 31 declined application

PERFORMANCE METRICS – YEAR ONE PARTICIPANTS

1. Continued to Provide Water to All Participants in Year One
2. Year 1 Results Include Wells on Exhibit A of Settlement Agreement

	System Wells	Individual Wells “Opt-Ins”	Totals
Systems	22	N/A	22
Residences	106	6	112
Occupants	688	28	716
Gallons	55,282	2,200	57,482

PERFORMANCE METRICS – YEAR TWO PROGRESS

	Individual Wells	System Wells	Totals
Residence/Wells Identified	868	60	928
Applications Sent/Post Cards Sent	1015 / 493	0*	1015 / 493
Wells Tested	44	N/A	44
Wells Above the MCL	20	3	23
Residences Receiving Water	20	3	23

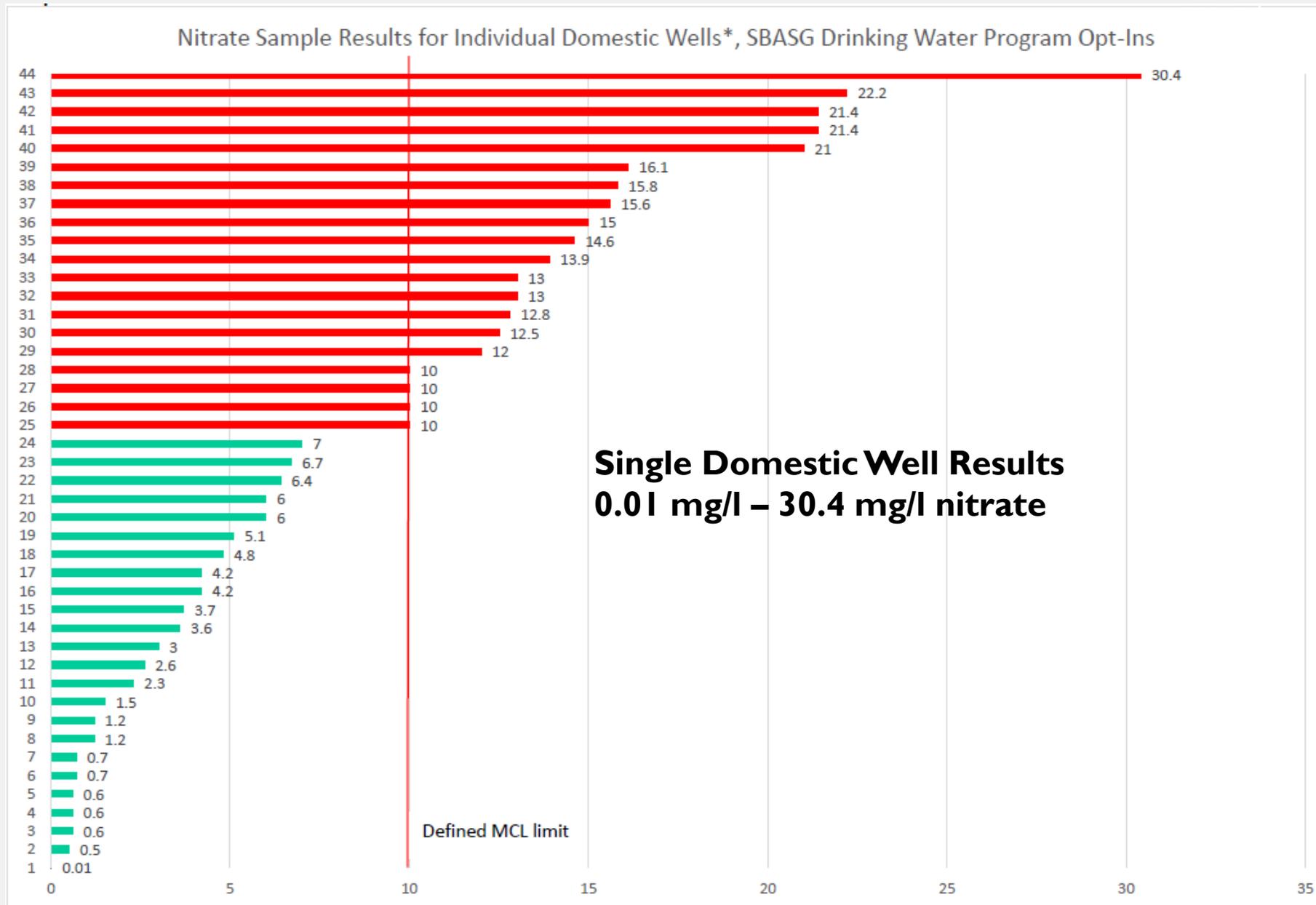
*Application packets will be mailed to residences on system wells with high nitrates the week of Jan. 28

PERFORMANCE METRICS – ALL INDIVIDUAL & SYSTEM WELLS

	Individual Wells	System Wells	Totals
Residences Identified Through Mapping	1386	N/A	1386
Residences Identified Through Mapping as Potential Participants*	868	N/A	868
Applications Sent and Post Cards Sent	1015 / 493	N/A	1015 / 493
Declined to Participate	31	N/A	31
ILRP/ SBASG Member	17	N/A	17
Applications Received	48	25	73
Wells Tested	44 (4 pending sampling or unqualified)	N/A	44
Wells Below Nitrate MCL	24	0	24
Wells Above the MCL	20	25	45
Residences Receiving Water	20	109	129
Occupants	73	695	768
Gallons	2,929	55,352	58,281

*Residences identified through mapping as potential participants refers to all identified residences, excluding the Langley Area, ILRP wells and housing developments

PERFORMANCE METRICS – WELL SAMPLING RESULTS



PERFORMANCE METRICS – SERVICE

- No complaints regarding missed service
- No complaints regarding slow service

NEXT STEPS

Continue Outreach Activities:

- a. Mail application packet again
- b. Send application packet using priority mail for gated residences
- c. Continue canvassing, re-canvass residences with no one home
- d. Add additional yard signs
- e. Coordinate with Monterey County and Regional Water Board Program
- f. Follow up with 2018 System exceedances list from Monterey County
- g. CURES to mail application packets to residences using contaminated water from system wells
- h. Follow up outreach to Regional Water Board Program applicants (none to date)
- i. Continue coordination with Region 3 and State Enforcement and non-profits to increase outreach efforts and feedback regarding additional efforts

QUESTIONS?

Salinas Basin Agricultural Stewardship Group

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and SBASG